

664040" 20E48260

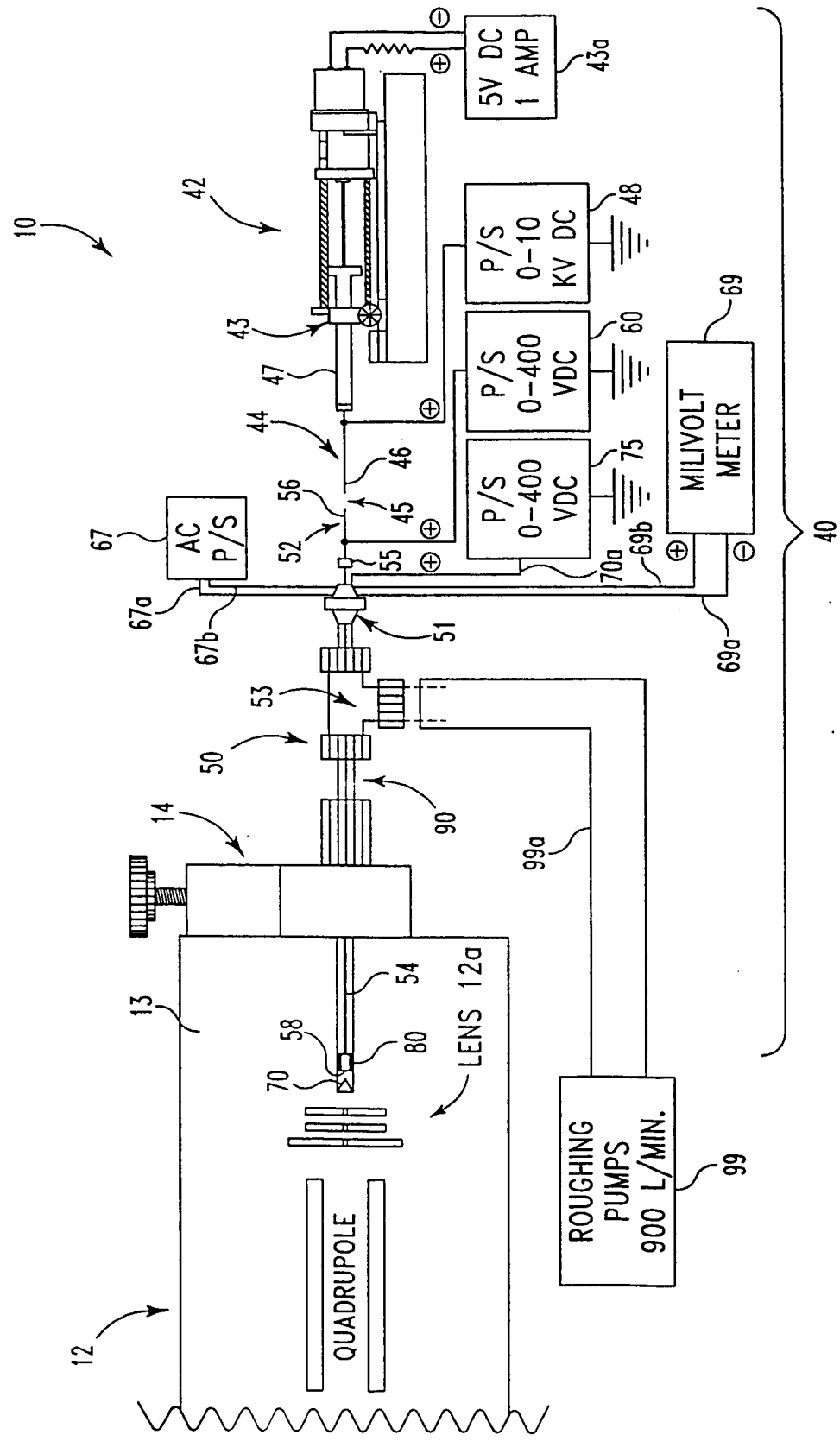


Fig. 1

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

664040-20628260

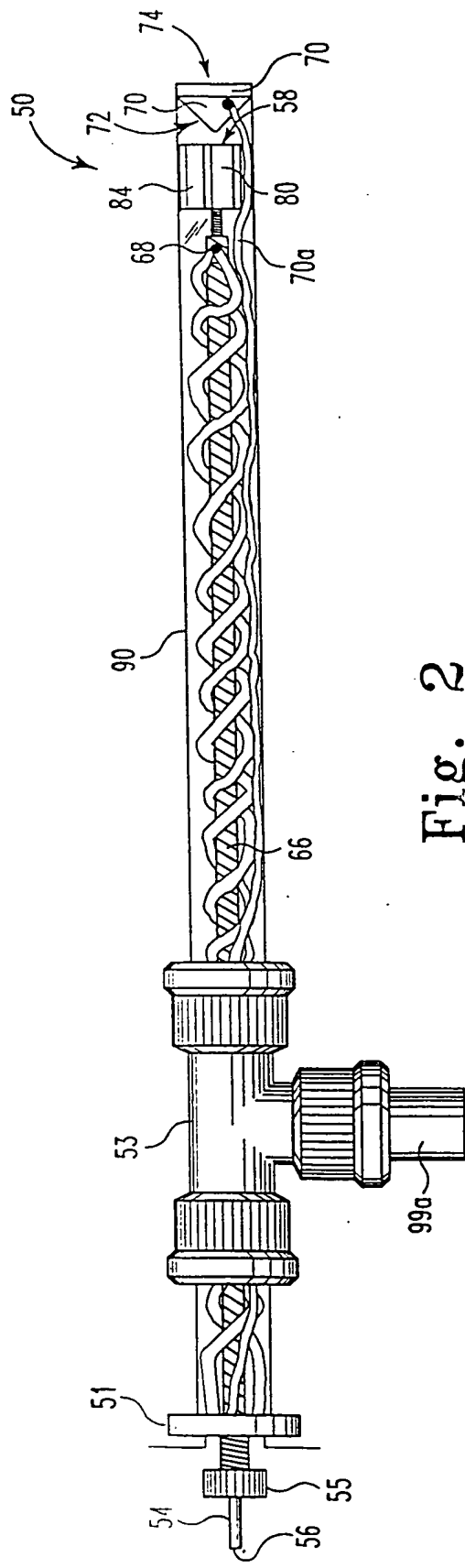


Fig. 2

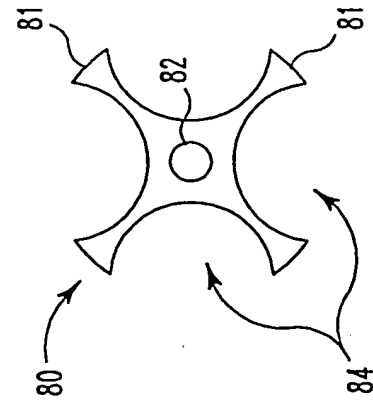


Fig. 3

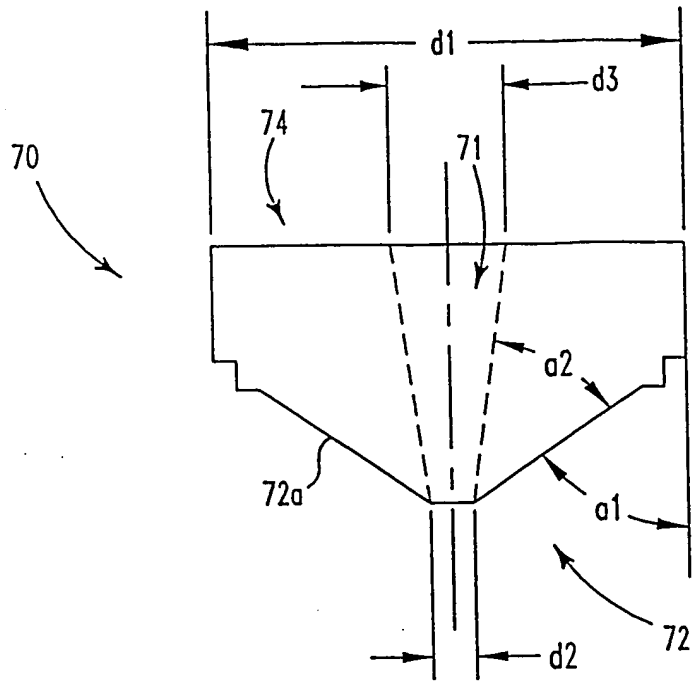


Fig. 4

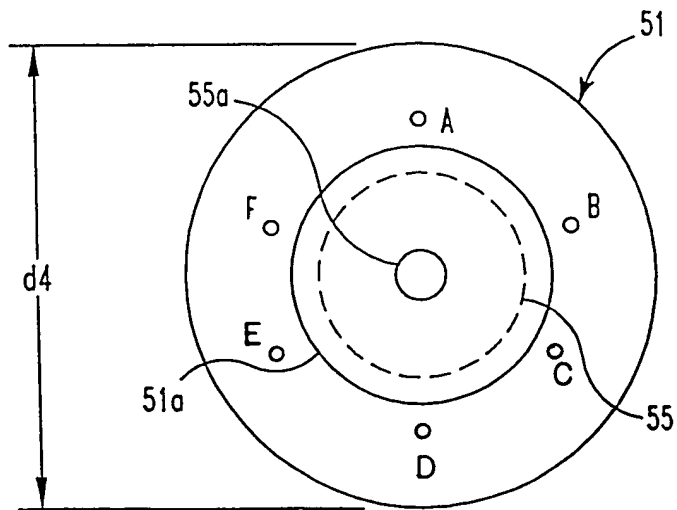


Fig. 5

664040-20E28260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
WATSON		

664040" 40E48260

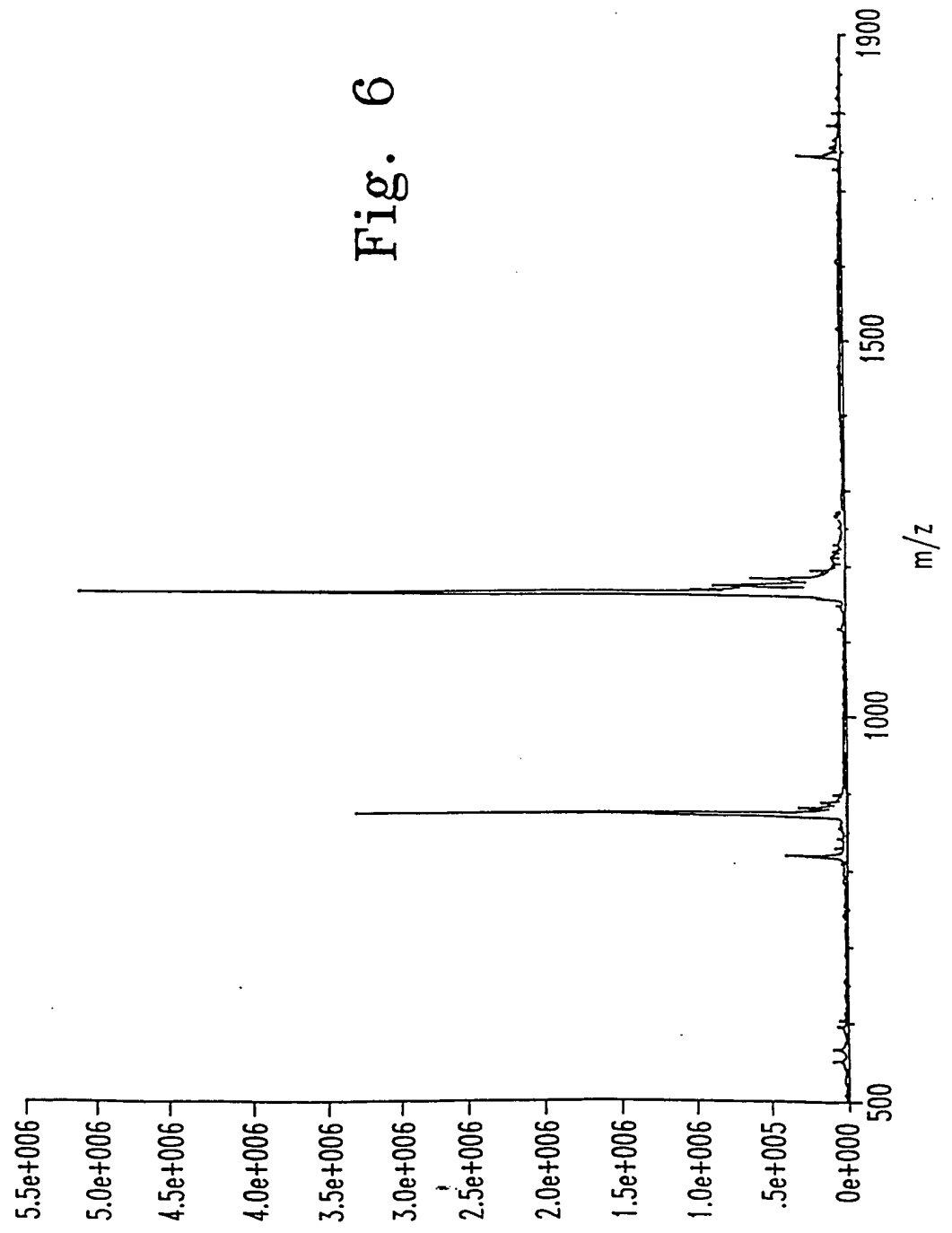


Fig. 6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

662040" 20E28260

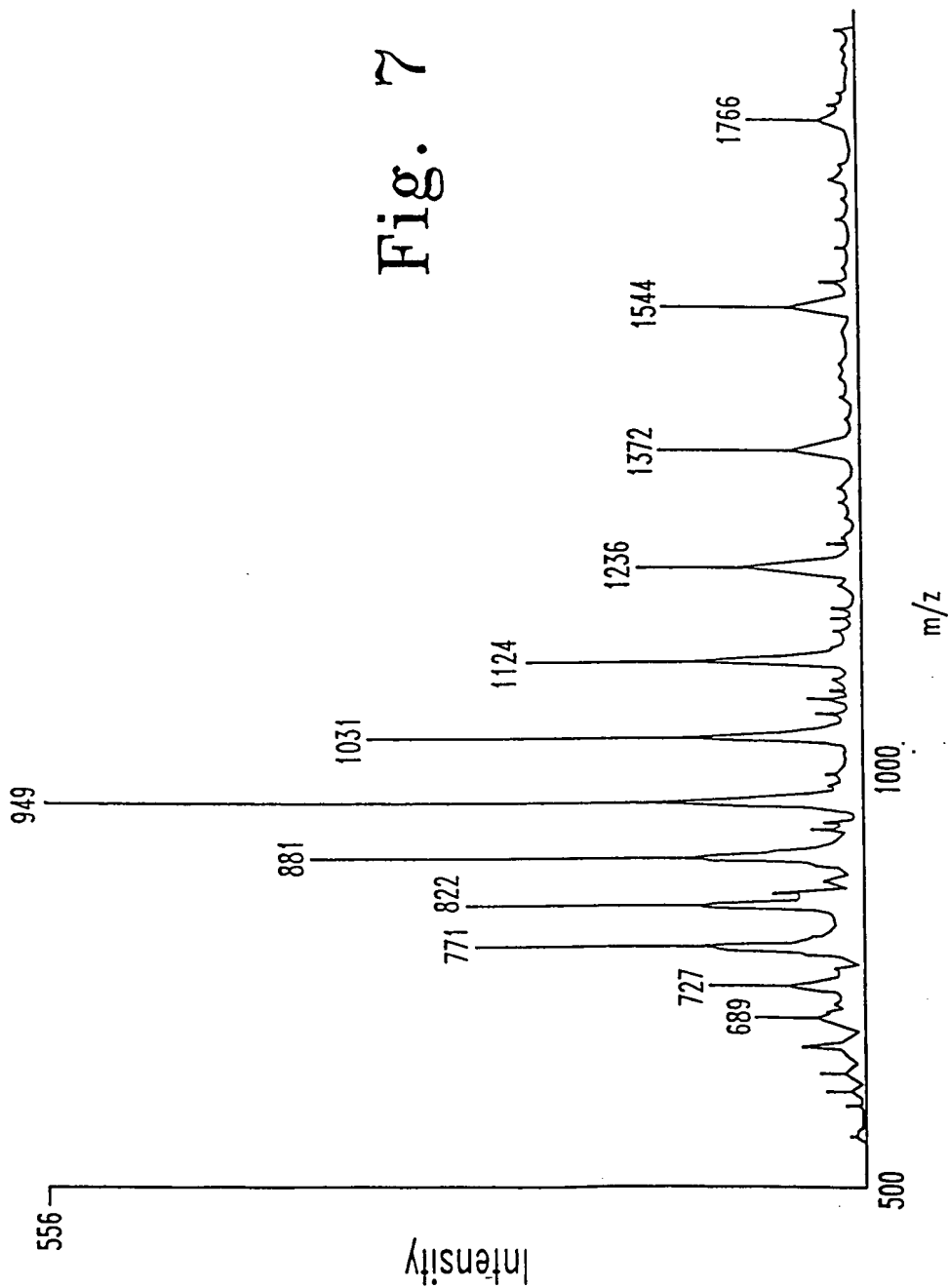
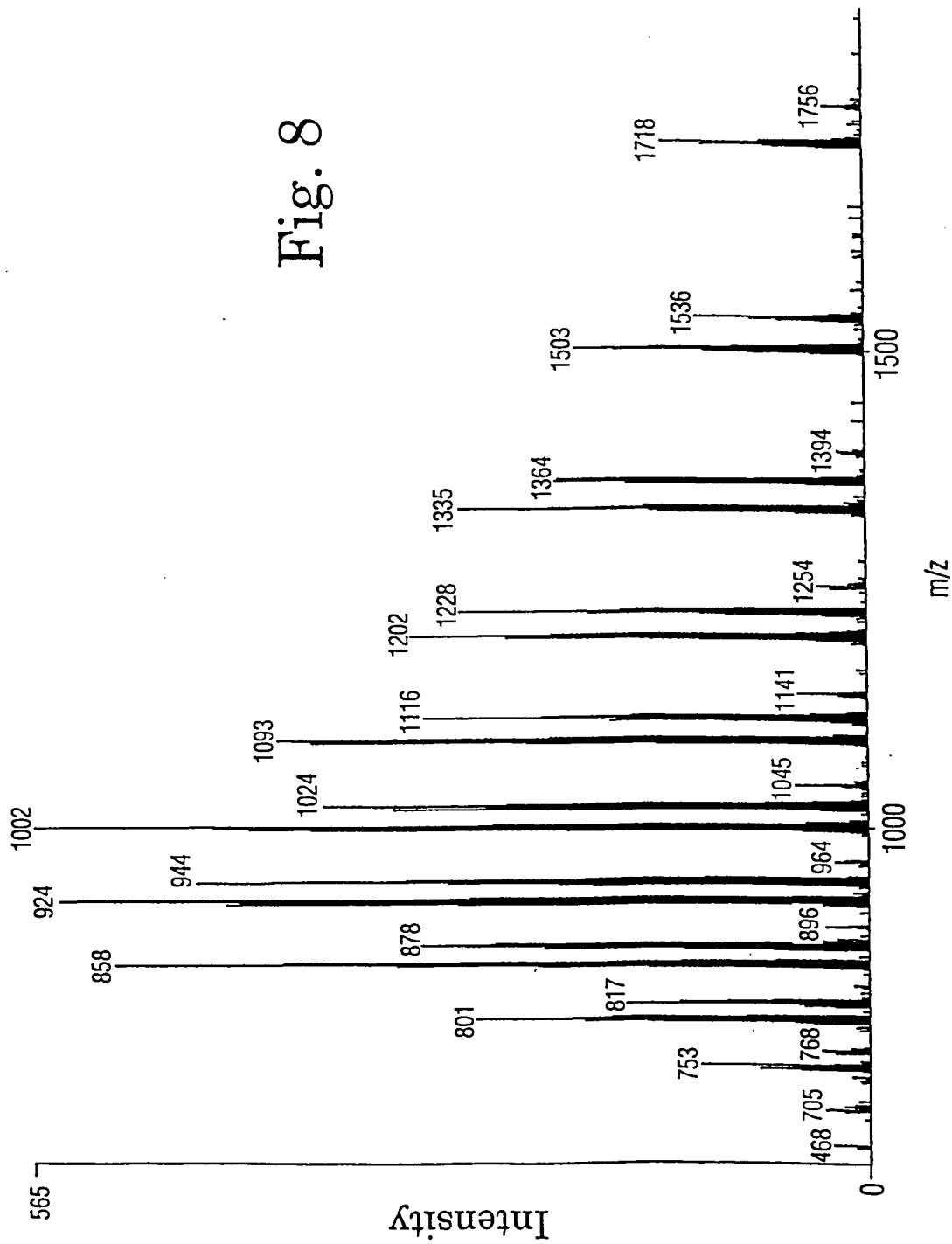


Fig. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

664040" 20E28260

# Tuna Heart Cytochrome c with 18-Crown-6 (1:1)



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DR. FISHMAN		

664040-20E48260

Tuna Heart Cytochrome c with 18-Crown-6 (68:1)

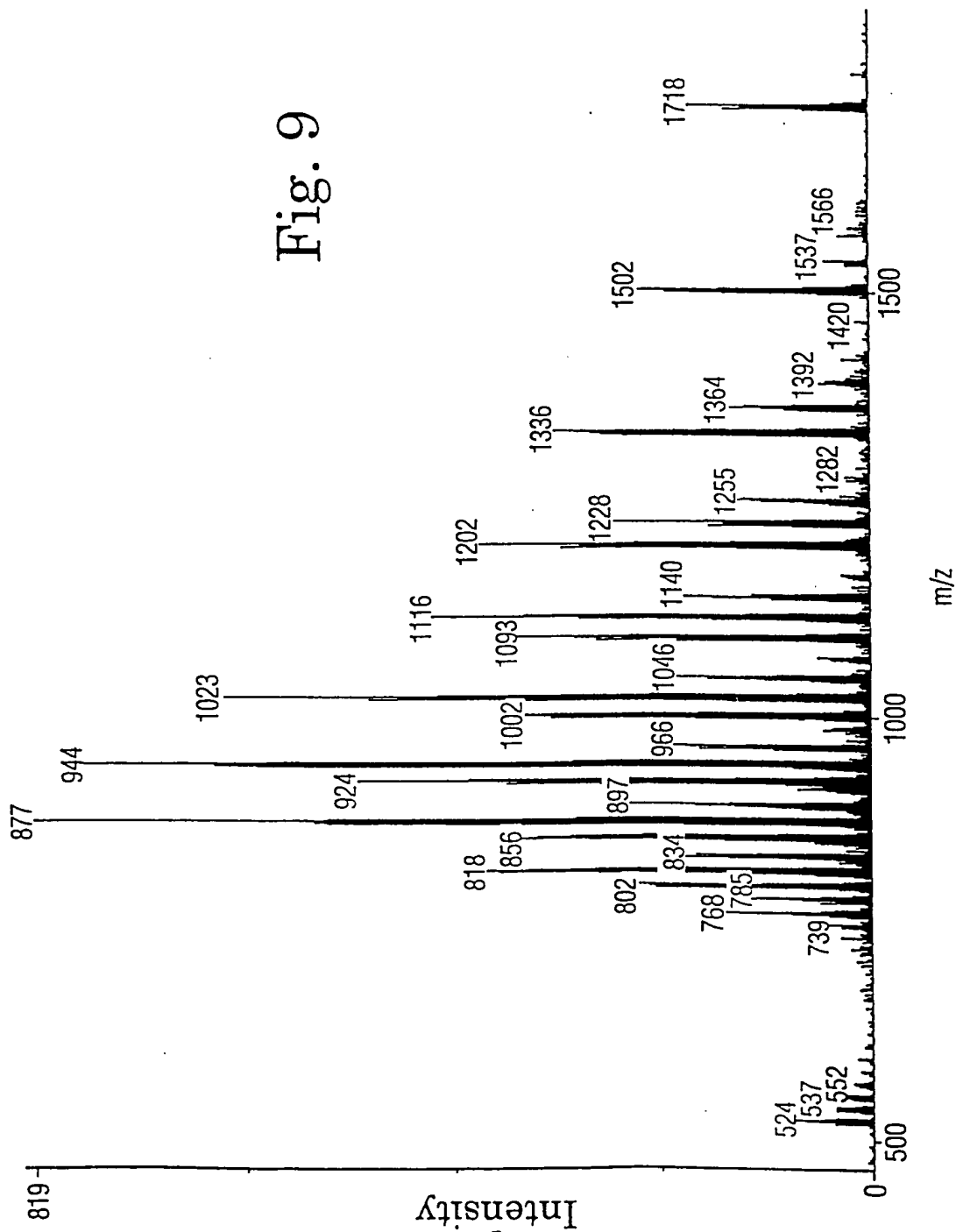


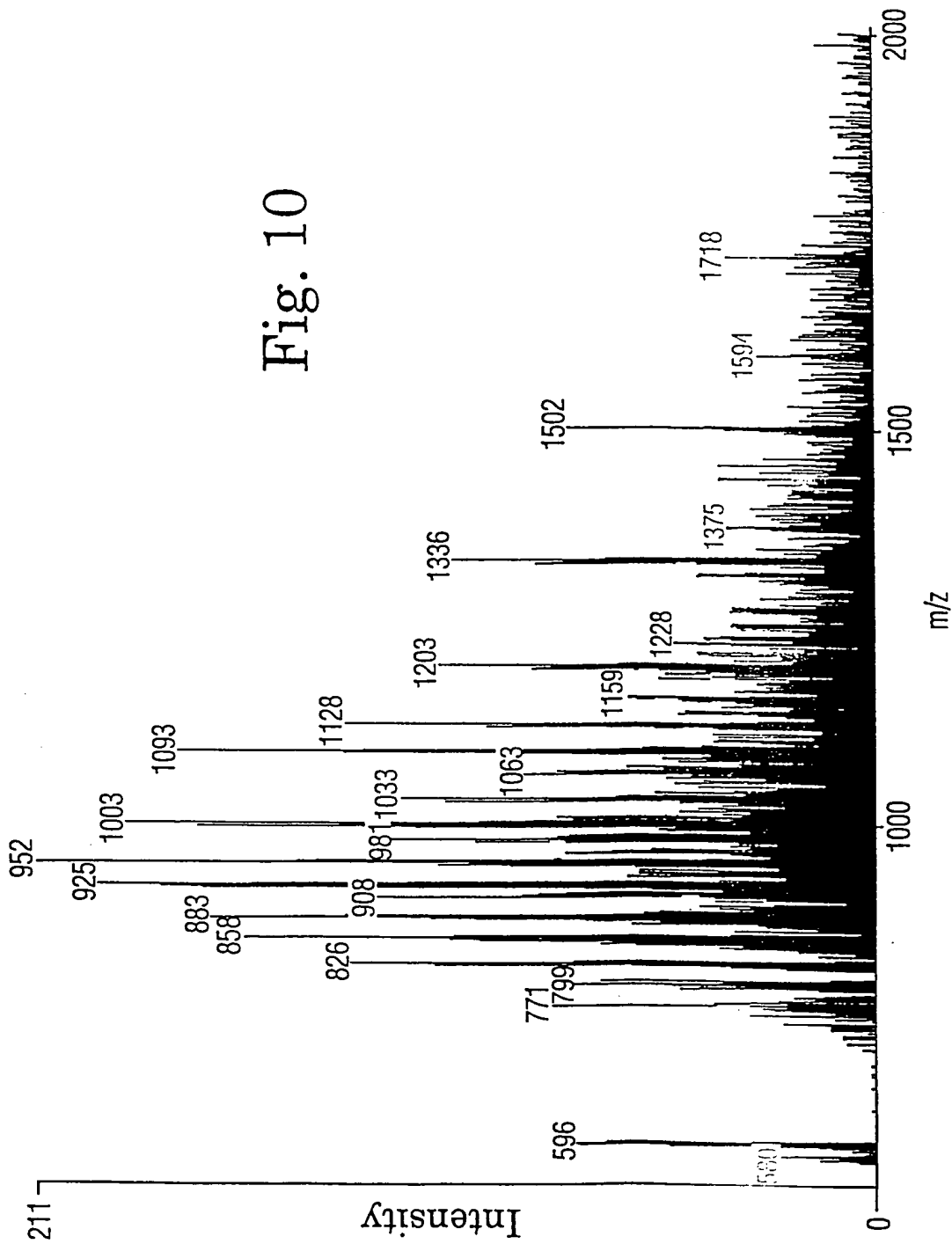
Fig. 9

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

652040" 40E28260

Tuna Heart Cytochrome c with Dicyclohexano-18-Crown-6 (75:1)

Fig. 10

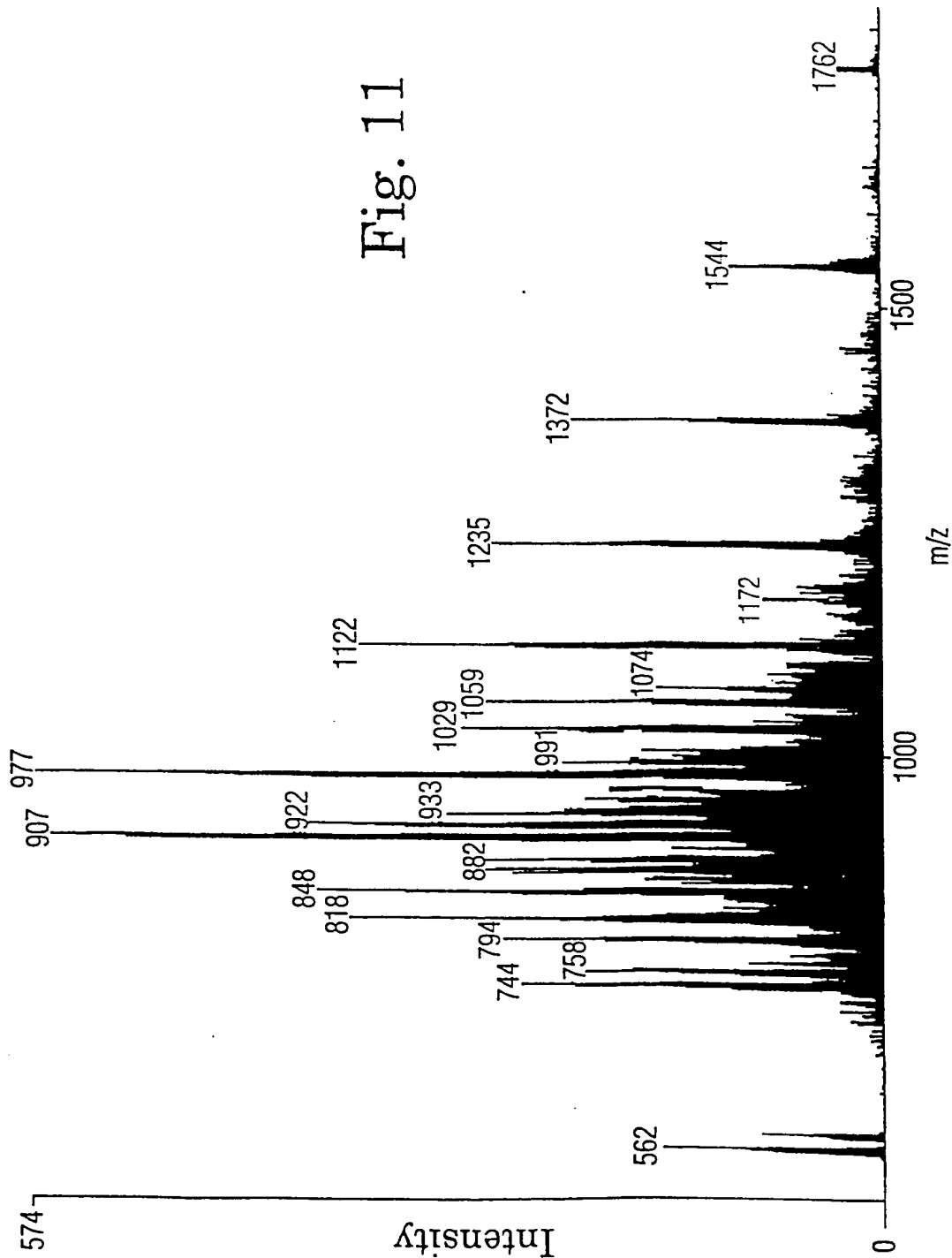




APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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664040" 20E48260

Horse Heart Cytochrome c with Dibenzo-18-Crown-6 (~85:1)



APPROVED	J.G. FIG.	
BY	CLASS	SUBCLASS
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664040" 40E43260

Tuna Heart (1), Horse Heart (2), Yeast (3) Cytochrome c's

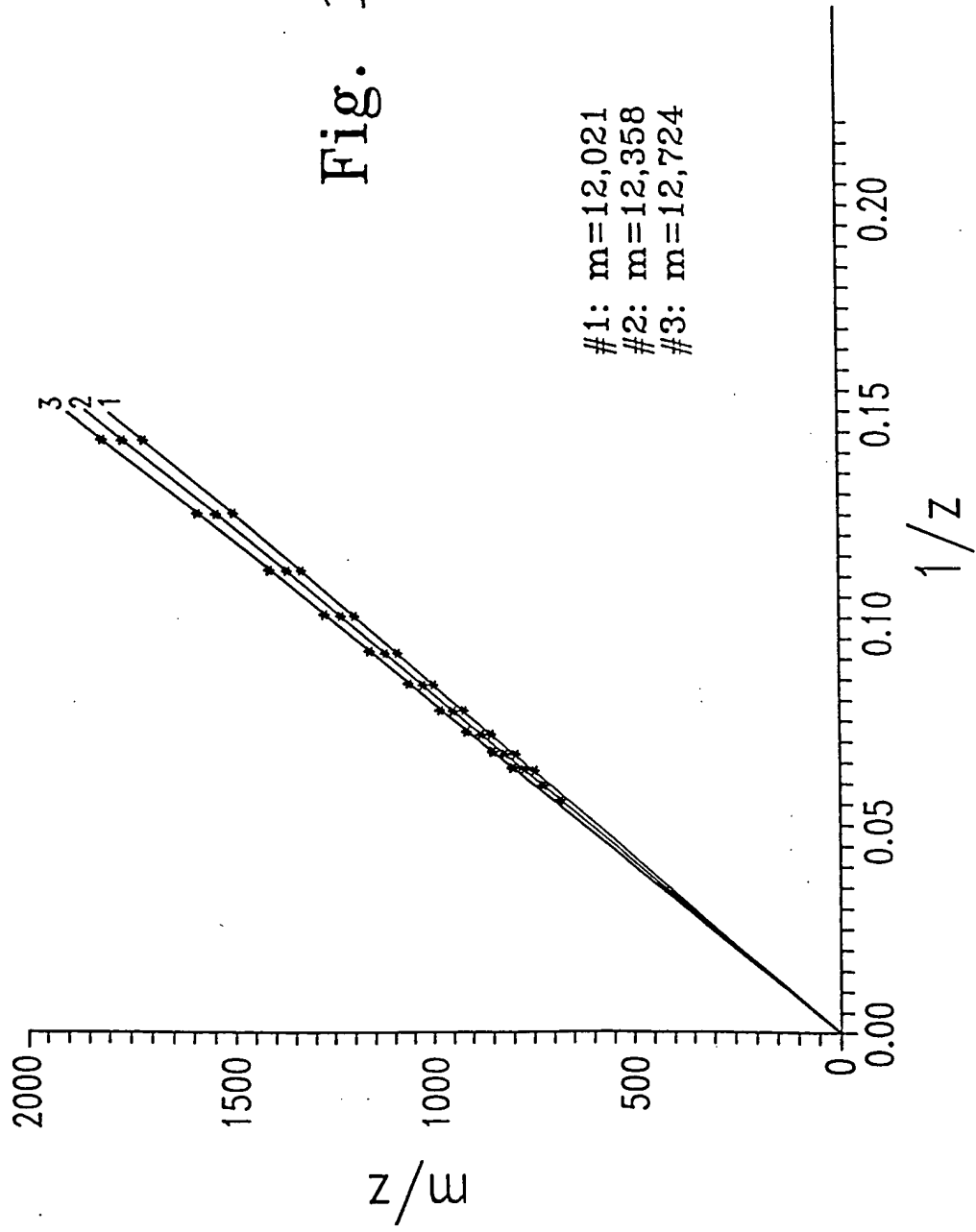
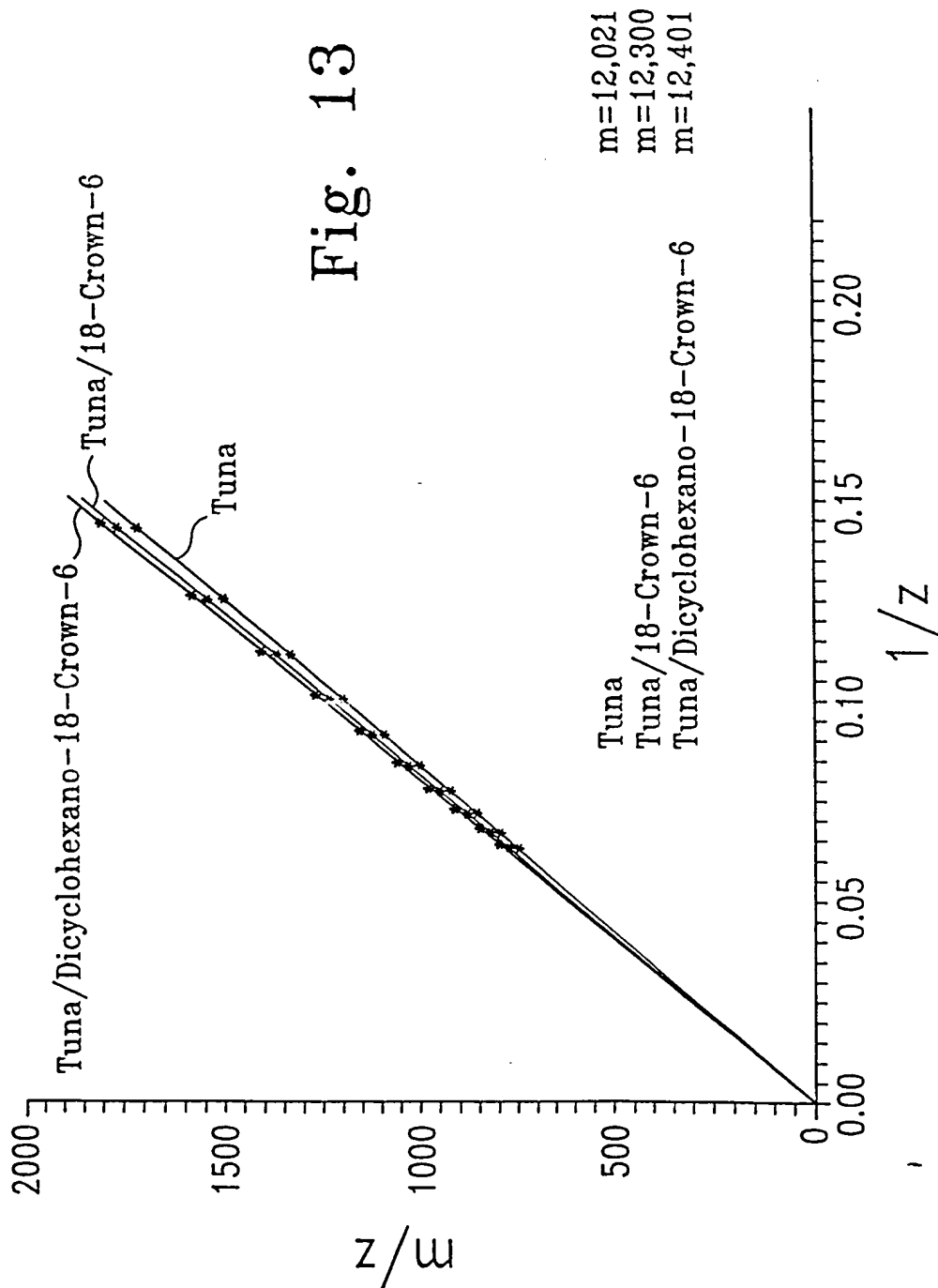


Fig. 12

662040" 40E2B260

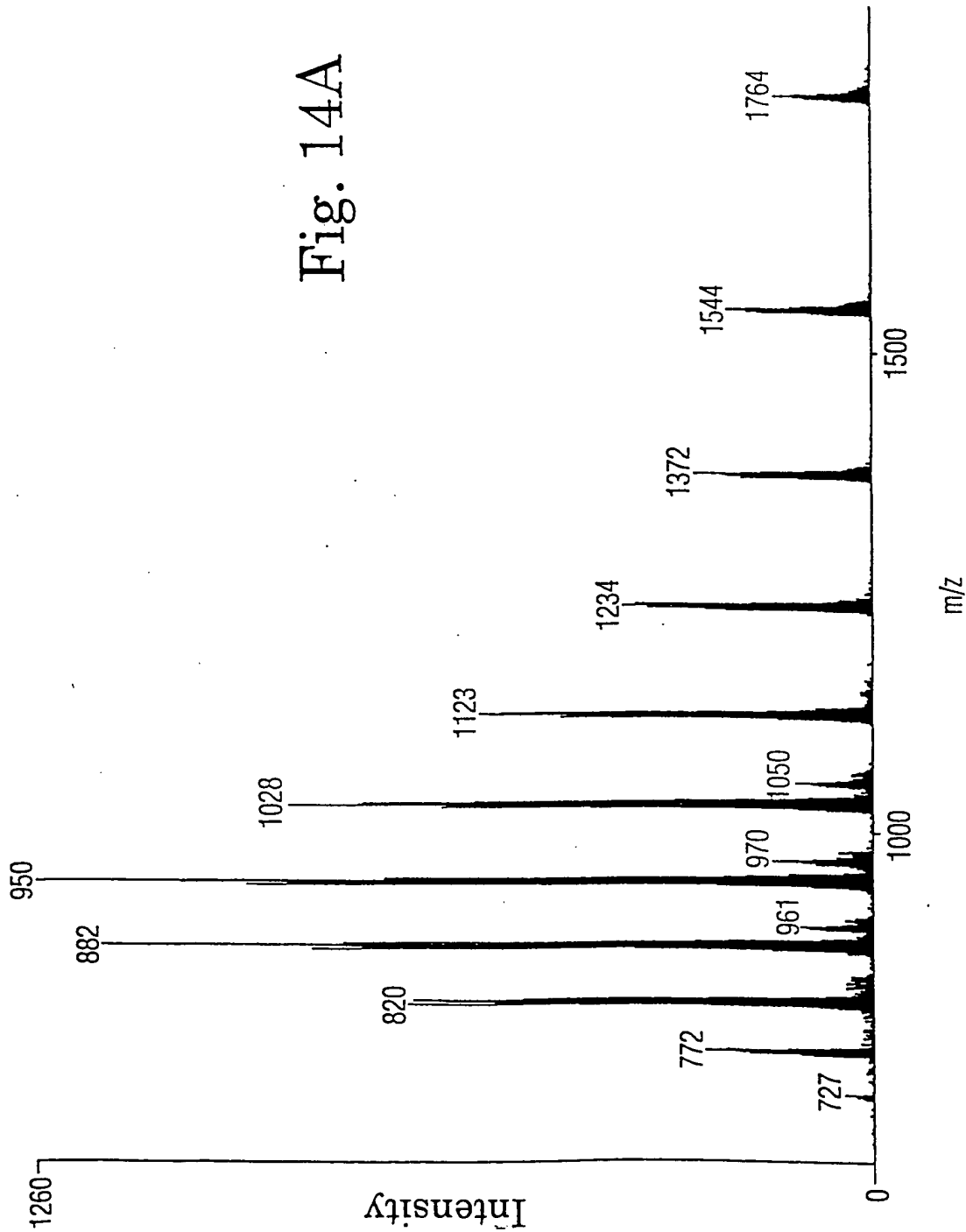
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

# Tuna Heart Cytochrome c



664040-20E28260

Horse Heart Cytochrome c with 18-Crown-6 (1:1)



APPROVED	O.G. FILE	
BY	CLASS	SUBCLASS
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664040" 20E4B260

Horse Heart Cytochrome c with 18-Crown-6 (2:1)



Fig. 14B

APPROVED	O.G. FIG.
BY	CLASS
DATE/TIME	GU3CLASS

654040-20E28260

Horse Heart Cytochrome c with Dicyclohexano-18-Crown-6 (1:1)

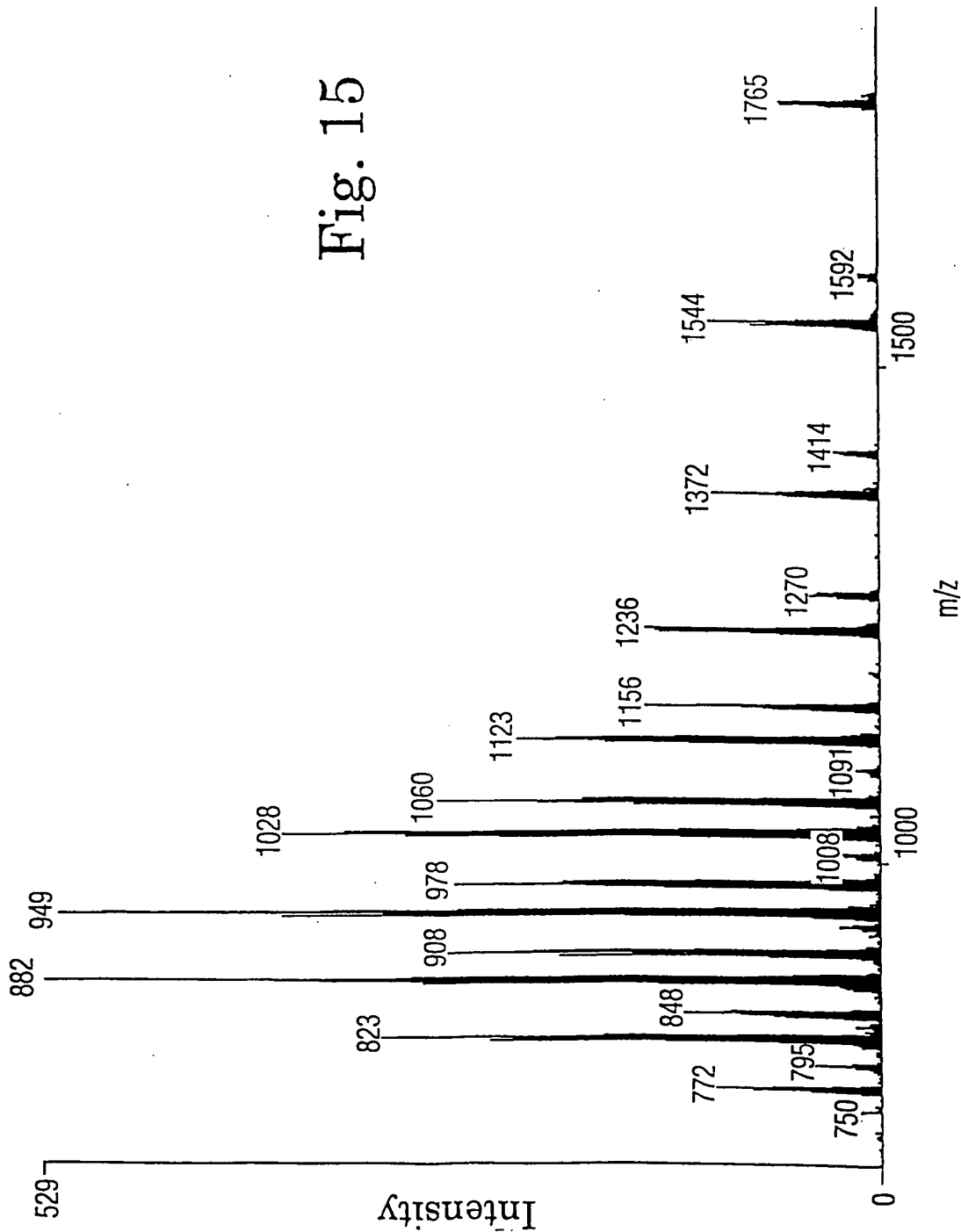


Fig. 15

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAWNMAN		

662040" 20E28260

Horse Heart Cytochrome c with Dibenzo-18-Crown-6 (1:1)

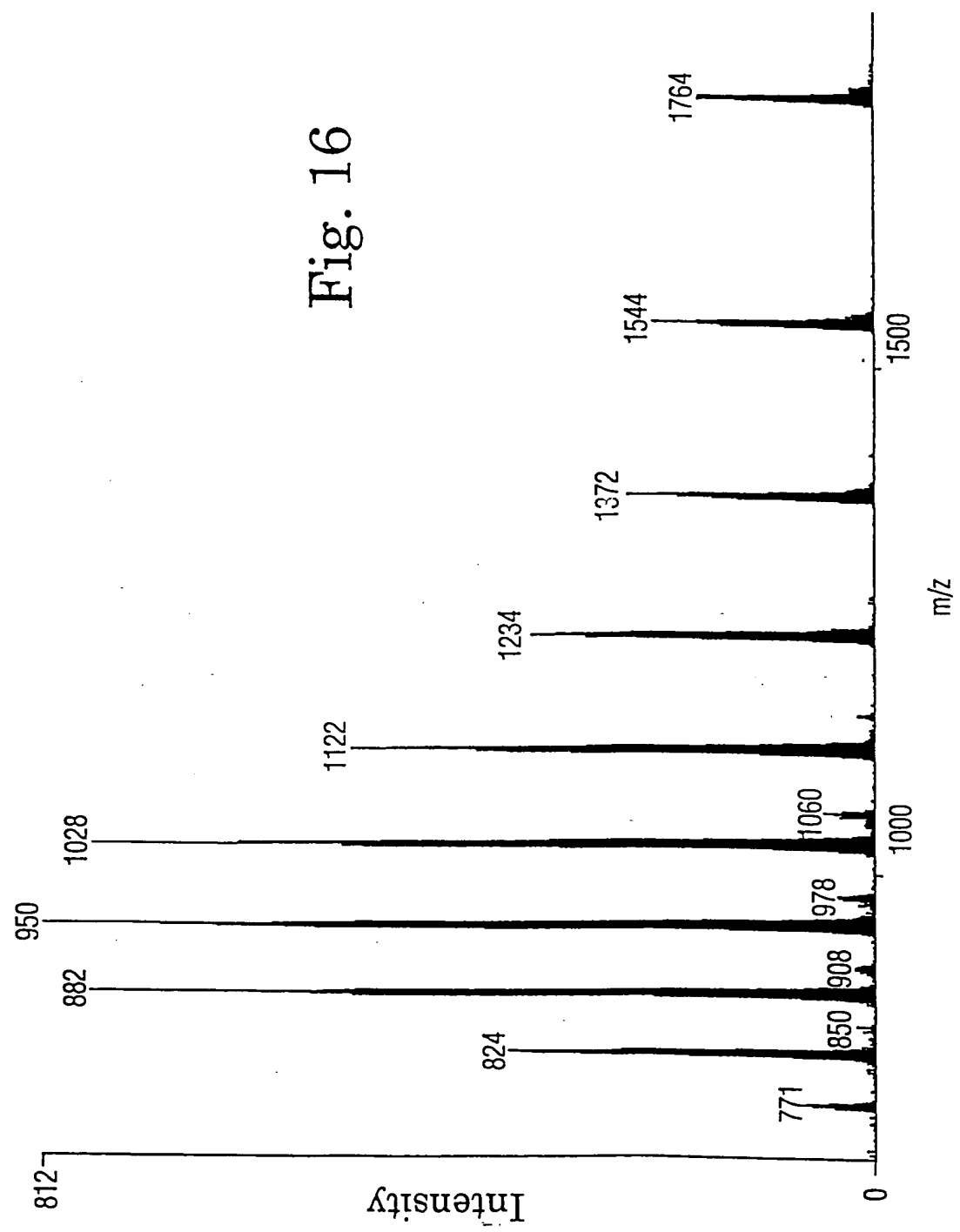
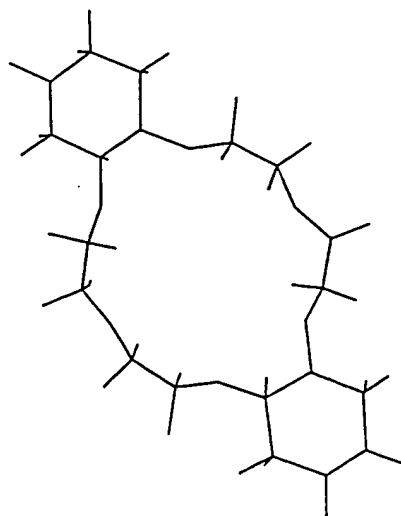


Fig. 16

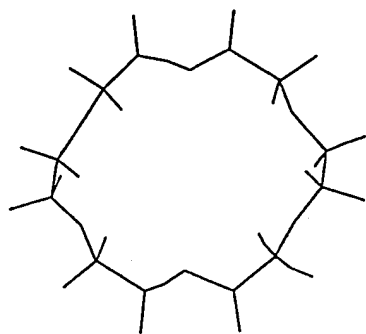
562040-2028260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DR. F. S. W. A. C.		



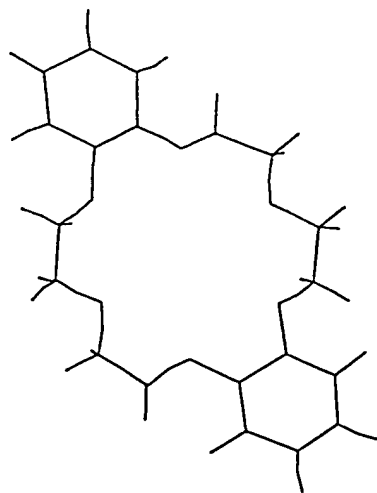
Dicyclohexyl-18-crown-6

Fig. 17A



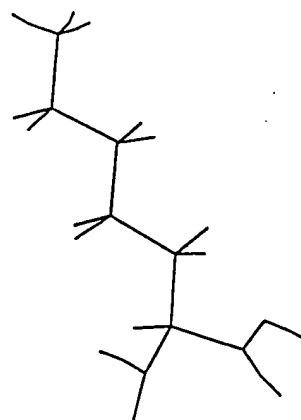
18-crown-6

Fig. 17B



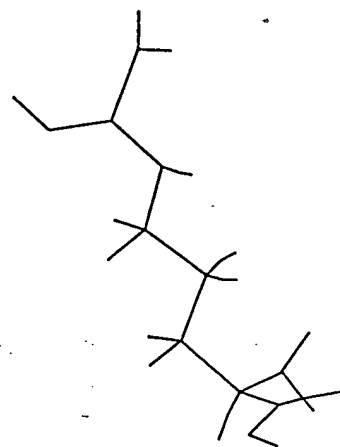
Dibenz-18-crown-6

Fig. 17C



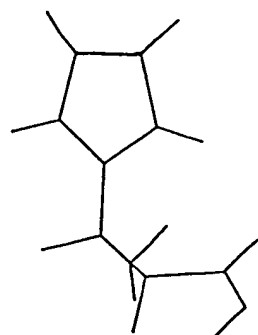
Lysine<sup>+</sup>

Fig. 18A



Arginine<sup>+</sup>

Fig. 18B



Histidine<sup>+</sup>

Fig. 18C

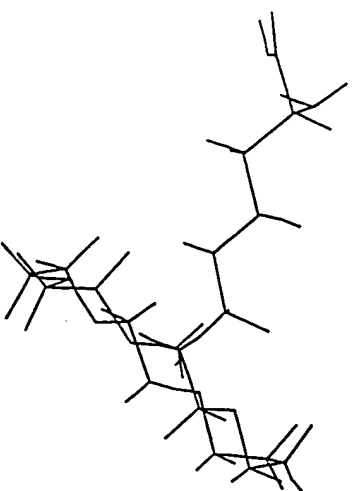


Albacore Cytochrome c

Crown 

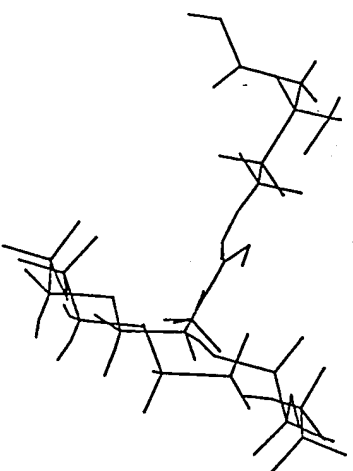


Fi. 19



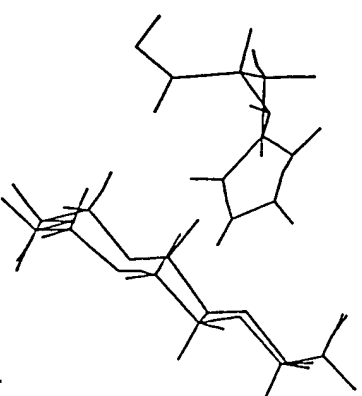
18-Crown-6/Lys<sup>+</sup>

Fig. 20A



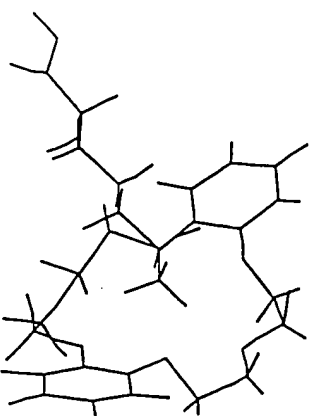
18-Crown-6/Arg<sup>+</sup>

Fig. 20B



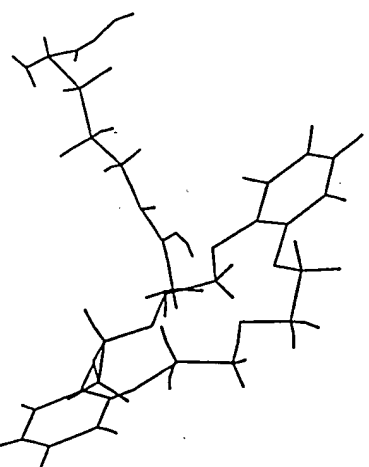
18-Crown-6/His<sup>+</sup>

Fig. 20C



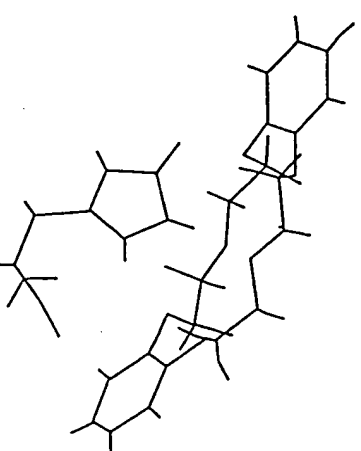
Dibenzo-18-Crown-6/Lys<sup>+</sup>

Fig. 20D



Dibenzo-18-Crown-6/Arg<sup>+</sup>

Fig. 20E



Dibenzo-18-Crown-6/His<sup>+</sup>

Fig. 20F

## Experimental vs. Calculated Binding of Crowns to Cytochrome c

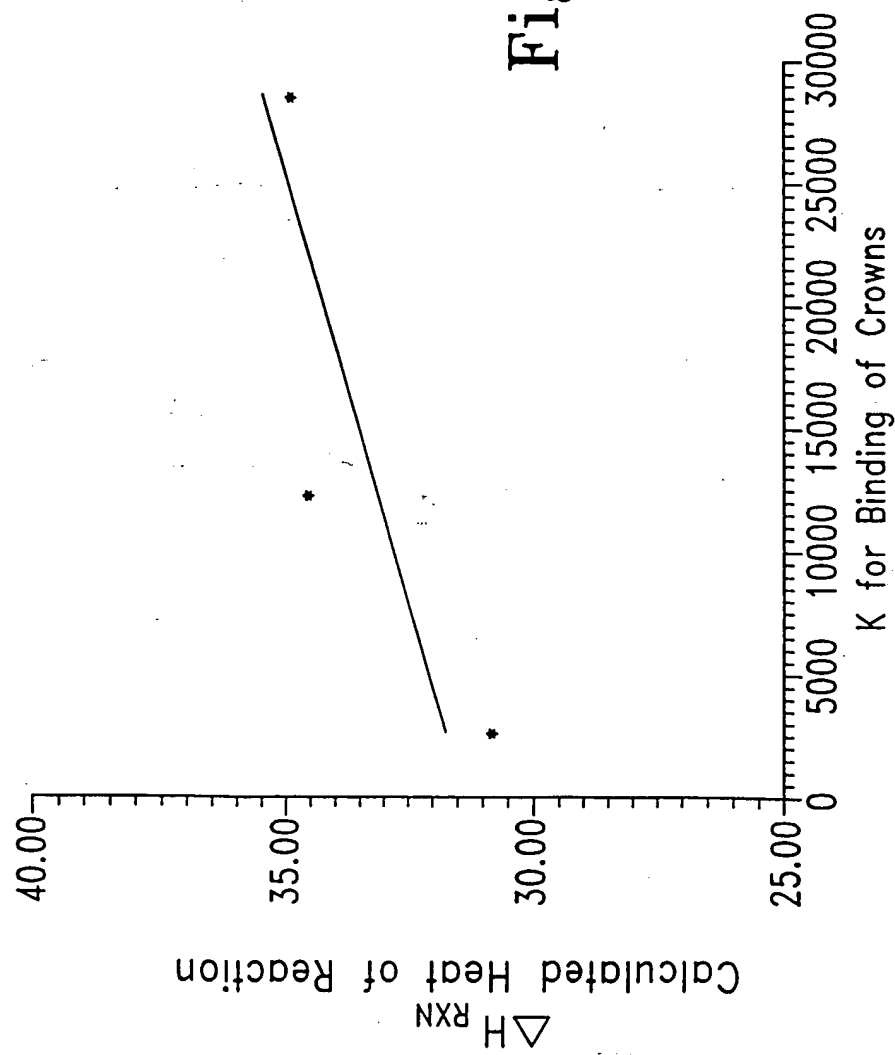
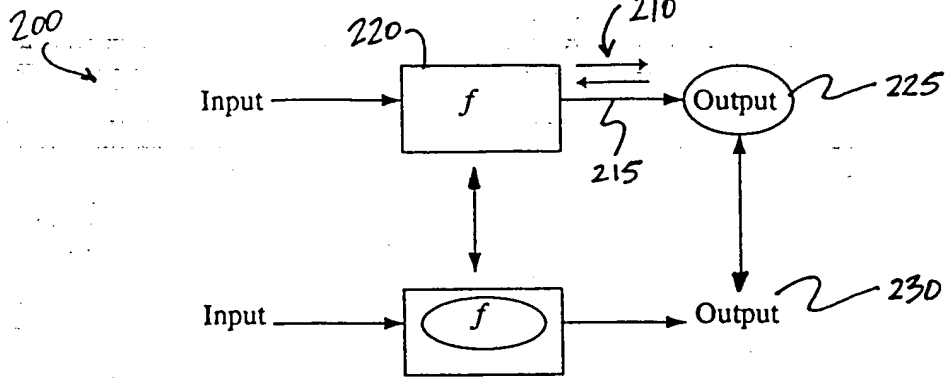


Fig. 21

A Computation



An Experiment

FIG. 22

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